

FOLIO

THE UNIVERSITY OF ALBERTA STAFF BULLETIN

EDMONTON, ALBERTA

27 JANUARY 1977

COMMERCE RESEARCH FUND

In honor of the late James Douglas Muir, Professor of Industrial Relations, who died 30 April 1976, shortly before he was to assume duties as the Dean of the Faculty of Business Administration and Commerce, the University has decided to establish the J.D. Muir Research Fund.

The Fund, which is open to all permanent members of the University's Business Administration and Commerce faculty and which will receive money from a portion of the overhead allowance from a Canadian International Development Agency contract, will provide a total of \$47,500 to be used over a four-year period for research and study in management performance. On the same day that the University authorized the establishment of the J.D. Muir Research Fund, it also renewed its contract with CIDA, which provides for this University's program of assistance to the Faculty of Commerce at the University of Nairobi in Kenya.

This particular research fund is an especially appropriate way of honoring Dr. Muir, for he was very active in the project at the University of Nairobi. The project in the commerce faculty at the University of Nairobi was initiated by the Kenyan government, set up by CIDA, and contracted to the University of Alberta, to help the University of Nairobi develop a high quality commerce faculty. A number of members of the Faculty of Business Administration and Commerce here have been or are currently involved in the project. The commerce program at Nairobi includes both undergraduate and master's programs and draws students from other African nations, Pakistan, and India, as well as from Kenya itself.

James Muir was seconded from the University of Alberta in 1971 to the University of Nairobi. There he served until 1974 as Dean of the commerce faculty and taught industrial relations, organizational theory, and business policy. When he returned to the University of Alberta, he resumed teaching, and early in 1976 he was appointed Dean of the Faculty, effective 1 July 1976.

Although the J.D. Muir Research Fund will be awarded to support research of any kind in management studies, it is hoped that the existence of the Fund may encourage Faculty members to undertake research that might be of relevance to the University's work in



Nairobi. It is also hoped that the Fund's existence will remind people of the project in which Dr. Muir was so actively involved. But the establishment of the J.D. Muir Research Fund is not simply to help promote—though it may do so—a project

that Dr. Muir gave a great deal of effort to: it is to honor a man who was a dedicated and hardworking member of the Faculty of Business Administration and Commerce, whose dedication extended far beyond the bounds of the University.

GENERAL FACULTIES COUNCIL AGENDA

The following agenda has been received from Margaret McCaughan, Secretary to the General Faculties Council.

A meeting of the General Faculties Council will be held on Monday, 31 January 1977, at 2 p.m. in the Council Chamber, University Hall.

1. Tribute to Dean James McCutcheon
2. Approval of the agenda
3. Approval of minutes
4. Question period
5. Executive Committee report
6. Report of Board of Governors
7. Report of the Nominating Committee
8. Employment policies: policy for inclusion in Board of Governors and GFC Policy Manuals

New business

9. Status of the following committees under New Academic Staff Agreement: General Promotions and Salaries Committee, Administrative and Professional Officers Committee, and General Appeals Committee
10. Course guide and evaluation questionnaire: recommendation of Academic Development Committee
11. Other business

CUSO NEEDS TECHNICAL AND BUSINESS PERSONNEL

CUSO needs mechanics (auto, heavy-duty), carpenters, electricians, block layers, land surveyors, technicians, engineers (civil, electrical, industrial, mechanical, chemical), technologists, economists, and business people (BCom, MBA) to work in areas in the Caribbean, Latin America, Africa, Asia,

and the South Pacific. Assignments are for two years, and transportation, insurance, and orientation is provided by CUSO. Salaries are paid by the host government at the local (not Canadian) rate, which is sufficient to maintain a comfortable standard of living.

Further information about CUSO will be available at a public information session, 1 February at 8 p.m. in the Social Room of the Jubilee Auditorium, when a CUSO information officer will be on hand to show a film and to answer questions. Detailed information about technical and business assignments with CUSO will be available to those interested 1 February between 9 a.m. and 4:30 p.m. when Barbara Brown, Technical Programme Officer for CUSO, visits the CUSO office on campus as part of a recruitment tour. Interested persons should contact Carroll Burkard of the CUSO Office, telephone 432-3381.

EMINENT SCIENTIST SPEAKS ON NUCLEAR ARMS

John C. Polanyi, Professor of Chemistry at the University of Toronto, will speak on "The nuclear arms race: how did we get where we are and where are we headed?" 27 January at 8 p.m. in TLB-1 Tory Building; the public lecture is sponsored by the Students' Union. In addition he will give two technical seminars sponsored by the Department of Chemistry.

Professor Polanyi is an internationally renowned chemist and holds numerous distinguished honors and awards. He is concerned about the relations between science and society and the role that scientists must play in influencing governments and the public to resolve international issues vital to the future of the world, such as nuclear armament. Professor Polanyi is Chairman of the Canadian Pugwash Committee, part of the Pugwash Movement, founded by Lord Bertrand Russell. Lord Russell's initial statement, "In view of the fact that in any future world war nuclear weapons will certainly be employed, and that such weapons threaten the continued existence of mankind, we urge the Governments of the world to realize and acknowledge publicly, that their purpose cannot be furthered by a world war, and we urge them, consequently, to find a peaceful means for the settlement of all matters of dispute between them," was endorsed by Albert Einstein and eleven other internationally renowned scientists in 1954. Professor Polanyi has been a delegate to the annual Pugwash Conferences since 1960 and is an expert on the subject of nuclear armament and an articulate spokesman against the proliferation of nuclear arms.

ENERGY CONSERVATION

The following information has been received from R.J. Burns, Director of the Office of Energy Management on campus.

The Energy Management Office at the University of Alberta, in cooperation with various departments reporting to the Office of the Vice-President (Planning and Development) has compiled the following data concerning the levels of energy consumption within selected buildings on campus for the 1975-76 operating year.

Total energy used within a building for heating, air conditioning, ventilation, production of domestic hot water, lighting, and laboratory activities have been converted into equivalent units of electrical energy stated in terms of kilowatt hours per square foot of gross area per year (KWH/sf/yr).

As a further comparison for the following consumption figures, the American Society of Heating, Refrigerating, and Air Conditioning Engineers (ASHRAE) recommends that total annual consumption in new buildings be in the order of 16.1 KWH/sf/year.

Building and Facility	Total Consumption (KWH/sf/yr)
Rutherford Library North	52.7
H.M. Tory	55
Education North	55.6
Cameron Library	55.9
Fine Arts	59.1
Law Centre	59.8
Education North	60
University Hall	63.1
Agriculture	69
Humanities	72.2
Administration	75.4
Printing Services	77.2
Central Academic	78
Physical Education	80.4
General Services	85.7
Physics	93.5
Chemistry West	94.8
Mechanical Engineering	102.7
Clinical Sciences	112.4
Home Economics	126
Medical Sciences	130.8
Students' Union	133.7
Chemistry East	138.2
Chemical-Mineral Engineering	147.1
Nuclear Research	151
Biological Sciences	151.7
Art Workshop I	164.6
Greenhouse	173.7
General overall average	88.2 KWH/sf/yr.

The above statistics show that the University of Alberta still has some way to go in the area of energy conservation. The goal at this time is to reduce the "general overall average" from 88.2 KWH/sf/year down to 50 KWH/sf/year on existing buildings without interfering with essential activities, and to future facilities to achieve lower consumption rates. Subsequent articles will report on savings which have been achieved to date through active faculty cooperation.

FOLIO

THE UNIVERSITY OF ALBERTA, EDMONTON, ALBERTA

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Please direct any comments, inquiries or suggestions which might result in savings to the Director, Office of Energy Management, 420Q General Services Building, telephone 432-3737.

COMPARATIVE COPYING COSTS

The following example of a departments' photocopying bill, with the comparable cost of offset duplicating for the same job, illustrates the difference in cost between these two processes.

Masters	Copies	Photocopying		Offset duplicating cost
		Cost	Offset cost	
4	146	\$13.48	\$10.65	
6	146	20.22	14.85	
14	146	47.18	32.92	
28	146	98.36	66.02	
Total cost		\$179.24	\$124.44	

Both costs include collating and stapling. The offset duplicating cost includes the cost of the offset press operator's time, while the photocopying cost does not include the time used by the department's photocopier operator.

This saving of thirty percent in copying costs, exclusive of the cost of staff time, may be worth consideration by departments now preparing their 1977-78 budgets.

For more information about offset duplicating services and photocopier costs, contact Eric Easterby at Printing Services, telephone 432-4246.

NOTICES

SEXUAL ASSAULTS

The author of the *Gateway* advertisement (Tuesday, 18 January) advising campus women to take precautions against sexual assaults is invited to contact the Committee on Sexual Assaults, through its Chairperson, Jean K. Lauber, at 432-2280 or 432-3213.

The committee is concerned with finding means to decrease the incidence of sexual assaults and wishes to hear from anyone with relevant information.

CIDA'S SPEAKERS' BUREAU PROGRAM

The Canadian International Development Agency is in the process of introducing a speakers' bureau program to give Canadians a better understanding of Canada's role in international development and, in particular, to outline the ways in which CIDA operates, its policies, and the impact of its programs. A wide variety of topics can be covered in depth by CIDA speakers: hunger, rural development, and population growth; trade, technology, and economics; medicine, nutrition, and health; aid, cooperation, and

Third World self-reliance; technical cooperation; the effectiveness of Canadian aid; the private sector, non-governmental organizations, and development; the similarities and differences between aid and development; education and illiteracy; and multilateral aid.

There is no charge for the services of the speakers' bureau. Additional information and confirmation of speakers may be obtained by contacting CIDA Speakers' Bureau, Information Division, Suite 500, 63 Sparks Street, Ottawa, Ontario, K1P 5A6.

COMMITTEE VACANCY

Committee to Investigate Teaching. There will shortly be a vacancy on the Committee to Investigate Teaching for a member of the academic staff. Persons who have suggestions for nominations or who are interested in serving on the Committee are requested to contact the Secretary of the Nominating Committee, 1-15 University Hall, telephone 432-4715.

APPLICATIONS FOR FUNDING

The Alma Mater Fund has funds available to assist groups on campus to finance worthwhile projects. The Fund is the University vehicle through which alumni are solicited for contributions each year. Gifts are also made to the Fund to be used for projects that will give an added dimension to University activities.

Criteria for projects are minimal, but projects should not be of a type normally funded from general University operating or research funds, not be for individual students to advance their academic careers (for publishing theses, etc.), nor be for salaries per se. They should be strongly oriented toward the student community.

Deadline for applications is 28 February 1977. Application should include descriptions and budget of the project and background information on the group making the application. Applications should be submitted to Lorne MacPherson, Secretary, Alma Mater Fund Allocation Committee, 849 General Services Building, telephone 432-4256.

FILM ON ALCOHOLISM

A twenty-eight minute film on alcoholism, entitled *Someone Cares*, has been made by the Motion Picture Division of Technical Services and will be shown 31 January at 12:15 p.m. in L-3 Humanities Centre. The film deals with four types of alcoholics and their rehabilitation.

WATER SAFETY COURSE

The University is offering a course in first aid from 31 January to 21 March, Mondays between 4 p.m. and 7 p.m. The course costs \$15 and leads to the Saint John's standard certificate. Registrations may be made at the Pool Office, telephone 432-3570.

THIS WEEK AND NEXT

Listings must reach the Editor by 9 a.m. the Friday prior to publication. Written notification is preferred.

27 JANUARY, THURSDAY

Geology Seminar

10 a.m. "Pressing problems in Precambrian paleobiology," with speaker J.W. Schopf, University of California. CW-327 Biological Sciences Centre.

Chemistry Seminar

4 p.m. "The molecular basis for chemical reactions studied by infrared chemiluminescence," with speaker J.C. Polanyi, FRS, University of Toronto. V-107 Physics Building.

Classics Seminar

4 p.m. "The Younger Pliny on slavery—a 'content analysis' of the Letters," with speaker J.G. Schovanek, Classics Department. 1-8 Humanities Centre.

Entomology Seminar

4:30 p.m. "The formulation of a working hypothesis concerning host location in *Monochamus scutellatus* (Cerambycidae)," W. Stumpfs. V-106 Physics Building.

Humanities Film Society

7 p.m. *David Copperfield*. (United States, 1934). Starring Lionel Barrymore and W.C. Fields. TL-11 Tory Building. Admission is \$7.50 at the door.

German Film

7:30 p.m. *Ich liebe dich, ich tote dich*. TL-12 Tory Building. Admission is free.

Cinematheque 16

7:30 p.m. *Lives of a Bengal Lancer* (United States, 1935). Starring Gary Cooper. Downstairs, Edmonton Art Gallery. Admission is \$2 for members and \$2.50 for non-members. Tickets available at the door.

Public Lecture

8 p.m. "The nuclear arms race: how did we get where we are and where are we headed?" with speaker J.C. Polanyi, FRS, University of Toronto. TLB-1 Tory Building.

28 JANUARY, FRIDAY

Population Studies Seminar

10:30 a.m. "The Environmental Conservation Authority hearing process: hearing on urban environment and industrial development," with speaker Bill Mykes, Research Officer, Environmental Conservation Authority. T5-15 Tory Building.

Chemistry Seminar

11 a.m. "More about reaction dynamics, and something about energy transfer," with speaker J.C. Polanyi, FRS, University of Toronto. V-107 Physics Building.

Public Reading

12 noon. Sheila Watson reads from *The Double Hook*. 1-3 Humanities Centre.

Faculty Club

Downstairs. Winter buffet: salad buffet, beef rouladen, mashed potatoes, red cabbage, open peach pie. \$5.50.

Upstairs. Regular dinner menu; reservations required.

Nature Centre Seminar

7:30 p.m. "National Parks, their uses and abuses," with speaker Jim Woodward. John Janzen Nature Centre, Fort Edmonton Park. Admission is \$1 regular, \$.50 for senior citizens, children, and disabled persons.

Cinematheque 16

7:30 p.m. *The Private Lives of Elizabeth and Essex* (United States, 1939). Starring Bette Davis and Errol Flynn. *Downstairs*, Edmonton Art Gallery. Admission is \$2 for members and \$2.50 for non-members. Tickets available at the door.

Public Lecture

8 p.m. "Israel and the Arab states," with speaker Yoram Dinstem, Dean of Law, University of Tel Aviv. Sponsored by the Faculty of Law and the Department of Political Science. TLB-1 Tory Building.

Hockey

8 p.m. Golden Bears versus the University of Saskatchewan Huskies. Varsity Arena. Admission is \$2.50 for adults, \$1.50 for students and \$1 for children.

National Film Theatre

8 p.m. *Bordertown* (United States, 1934). Starring Bette Davis. Centennial Library Theatre. Admission is by season ticket; series tickets available at the HUB Box Office, the A-V Desk at the Centennial Library, and at the door.

Alberta Contemporary Dance Theatre

8 p.m. "Winter's Friends," five dances choreographed by members of the Dance Theatre and by Ernst and Carole Eder, Tournesol Dance Company, who will appear as guests. Students' Union Theatre. Admission is \$4. Tickets available at the HUB Box Office, all Exhibition outlets, Mike's, and at the door.

Edmonton Symphony Orchestra

8:30 p.m. With John Hendrickson, pianist. Pierre Hétu conducting. Jubilee Auditorium. For ticket information contact the Symphony Box Office, 11712 87 Avenue, telephone 433-2020.

29 JANUARY, SATURDAY

Volleyball

1 p.m. Canada West Volleyball Championships.

Main Gymnasium. Admission is \$1.50 for adults and \$1 for children.

Edmonton Symphony Orchestra

1:30 p.m. Special children's matinee concert featuring John Hendrickson, pianist. Pierre Hétu conducting. Program includes a Chopin piano concerto and Benjamin Britten's "Young Person's Guide to the Orchestra," narrated by Thomas Rolston. Jubilee Auditorium. Tickets available at Jack and Jill stores, the HUB Box Office, and the Symphony Box Office, 11712 87 Avenue, telephone 433-2020.

Provincial Museum Film

2 p.m. *Kidnapped* (United States, 1960). Starring Peter Finch. Provincial Museum Auditorium. Admission is free.

Faculty Club

Downstairs. Fondue night: cheese fondue, Greek salad, assorted breads, poppy seed cake. *Upstairs*. Regular dinner menu; reservations required. Entertainment: Gordon Schmidt Band.

Hockey

8 p.m. Golden Bears versus the University of Saskatchewan Huskies. Varsity Arena. Admission is \$2.50 for adults, \$1.50 for students, and \$1 for children.

Alberta Contemporary Dance Theatre

8 p.m. "Winter's Friends," five dances choreographed by members of the Dance Theatre and by Ernst and Carole Eder, Tournesol Dance Company, who will appear as guests. Students' Union Theatre. Admission is \$4. Tickets available at the HUB Box Office, all Exhibition outlets, Mike's, and at the door.

Music Department Opera

8 p.m. The University Department of Music stages *The Magic Flute* by Mozart. Victoria Composite High School Auditorium, 101 Street and Kingsway. Admission is \$3 for adults and \$2 for students. Tickets available at the Department of Music Office, 3-82 Fine Arts Centre, the Bay Box Office, and at the door.

Classical Guitar Concert

8:30 p.m. Jacob Salomons performs. Sponsored by the Classical Guitar Society. Provincial Museum Auditorium. Admission is \$3.50. Tickets available at the HUB Box Office and at the Bay Box Office.

Edmonton Symphony Orchestra

8:30 p.m. With John Hendrickson, pianist. Pierre Hétu conducting. Jubilee Auditorium. For ticket information contact the Symphony Box Office, 11712 87 Avenue, telephone 433-2020.

Student Cinema

12 midnight. *Schlock* (United States, 1971).

Directed by John Landis. Students' Union Theatre. Special admission is \$1 advance and at the door. Tickets available at the HUB Box Office.

30 JANUARY, SUNDAY

Volleyball

12:30 p.m. Canada West Volleyball Championships. Main Gymnasium. Admission is \$1.50 for adults and \$1 for students.

Cinematheque 16

2 p.m. *Taza, Son of Cochise* (United States, 1954). Starring Rock Hudson. *Downstairs*, Edmonton Art Gallery. Admission is \$2 for members and \$2.50 for non-members. Tickets available at the door.

Student Cinema

2 p.m. *Johnathan Livingston Seagull* (United States, 1973). Students' Union Theatre. Special admission is \$1 advance and at the door. Tickets available at the HUB Box Office. 7 p.m. and 9:30 p.m. *Goodbye, Norma Jean* (United States, 1975). Students' Union Theatre. Admission is \$1.50 advance for students and \$2 at the door. Tickets available at the HUB Box Office.

31 JANUARY, MONDAY

Edmonton Film Society

8 p.m. *Bend of the River* (United States, 1952). Directed by Anthony Mann and starring James Stewart. Classics Series. TL-11 Tory Building. Series tickets available at the HUB Box Office, Woodward's, and at the door.

1 FEBRUARY, TUESDAY

Public Lecture

7:30 p.m. "The communist way to power: a repeatable experience?" with speaker V. Kusin, Director, International Information Centre for Soviet and East European Studies, University of Glasgow. TL-12 Tory Building.

National Film Theatre

8 p.m. *The Father/Apa* (Hungary, 1966). Directed by Istvan Szabo. English subtitles. Centennial Library Theatre. Admission by membership only; series tickets available at the HUB Box Office, the A-V Desk at the Centennial Library, and at the door.

2 FEBRUARY, WEDNESDAY

East European Studies Lecture

11 a.m. "The 'illegal' aspects of communist access to power in Czechoslovakia," with speaker V. Kusin, University of Glasgow. 14-6 Tory Building.

Botany Seminar

4:30 p.m. "A comparison of two sub-alpine meadows with special emphasis on the role

of the Columbian Ground Squirrel (*Spermophilus columbianus*)," with speaker Steve Carroll, Department of Botany.

Cinematheque 16

7:30 p.m. Parts 1 and 2 of the Film-Centrum Special: *In Search of Sweden* (1974), *Our Land, Change Sweden*, and *New Sweden*. Downstairs, Edmonton Art Gallery. Special admission is \$1.50 for members and \$2 for non-members. Tickets available at the door.

French-Canadian Films

8 p.m. *Joseph Charbonneau: sixième évêque de Montréal* (1976). Four films by Pierre Valcour about a Franco-Ontarian "who actively participated in the renovation of Quebec society." Collège Universitaire Saint-Jean Auditorium, 8406 91 Street.

Edmonton Film Society

8 p.m. *School for Scoundrels* (Great Britain, 1960). Starring Alistair Sims and Terry Thomas. British Comedy Series. TL-11 Tory Building. Series tickets available at the HUB Box Office, Woodward's, and at the door.

Concert

8:30 p.m. Loretta Lynn. Jubilee Auditorium. Tickets available at Mike's, telephone 424-8911 or 429-0848.

3 FEBRUARY, THURSDAY

Law Lecture

11 a.m. "The Slansky trial of 1952: some new psychological insights," with speaker V. Kusin, University of Glasgow. 2-37 Law Centre.

Political Science Lecture

3 p.m. "Reformism as a new modus operandi of communism," with speaker V. Kusin, University of Glasgow. 10-4 Tory Building.

Plant Science Seminar

3:30 p.m. "Nitrogen fixing wheat—fact or fixation?" or "Productivity and the manipulation of dinitrogen fixation," with speaker F.B. Holl, National Research Council. M-132 Biological Sciences Centre.

German Film

7:30 p.m. *Lerchentpark: Fraulein Vogt*. TL-12 Tory Building. Admission is free.

Cinematheque 16

7:30 p.m. *Desire* (United States, 1936). Starring Gary Cooper and Marlene Dietrich. Downstairs, Edmonton Art Gallery. Admission is \$2 for members and \$2.50 for non-members. Tickets available at the door.

Concert

8:30 p.m. Nitty Gritty Dirt Band. Jubilee Auditorium. Tickets available at Mike's, telephone 424-8911 or 429-0848.

4 FEBRUARY, FRIDAY

Ukrainian Studies Lecture

11 a.m. "Nationalism and reform in Eastern Europe: the case of the Ukrainians in Czechoslovakia," with speaker V. Kusin, University of Glasgow. 5-106 Education North.

Faculty Club

Downstairs. Swedish meatballs in Burgundy, brown rice, broccoli, chef's salad, lemon meringue pie. \$5.50.

Upstairs. Lobster, \$12.50; also regular dinner menu. Reservations required.

Cinematheque 16

7:30 p.m. *The Letter* (United States, 1940). Starring Bette Davis. Downstairs, Edmonton Art Gallery. Admission is \$2 for members and \$2.50 for non-members. Tickets available at the door.

National Film Theatre

8 p.m. *G-Men* (United States, 1935). Starring James Cagney. Centennial Library Theatre. Admission by membership only; series tickets available at the HUB Box Office, the A-V Desk at the Centennial Library, and at the door.

5 FEBRUARY, SATURDAY

Cinematheque 16

2 p.m. Part 3 of the FilmCentrum Special: *The Blue Blousegroup, A Rural Story*, and *Boycott*. Downstairs, Edmonton Art Gallery. Special admission is \$1.50 for members and \$2 for non-members. Tickets available at the door.

Faculty Club

Downstairs. New York steak, french fries, Greek salad, fruit trifle. \$5.50.

Upstairs. Lobster, \$12.50; also regular dinner menu; reservations required. Entertainment: Cameron and Company.

Student Cinema

7 p.m. and 9:30 p.m. *Emmanuelle 2, The Joys of a Woman* (France/Italy, 1976). Starring Sylvia Kristel. Students' Union Theatre. Admission is \$1.50 advance for students and \$2 at the door. Tickets available at the HUB Box Office.

Midnight. Lenny (United States, 1974). Starring Dustin Hoffman and Valery Perrine. Students' Union Theatre. Admission is \$1.50 advance for students and \$2 at the door. Tickets available at the HUB Box Office.

EXHIBITIONS AND PLAYS

Provincial Museum

Continuing. "Documentary Heritage," a long-term exhibition displaying valuable manuscripts and documents in the Provincial

Archives of Alberta. Archives Gallery.

Continuing. "Steam Power in Alberta," a permanent display, including a steam hoisting engine and a steamboat engine used in Alberta at the turn of the century, illustrating steam power at work in transportation, farming, and industry. Theme Gallery.

To 25 February. "Material Culture of New Guinea," a collection, from the Devonian Group, of ethnological artifacts from New Guinea and surrounding islands, including masks, shells, and decorative ornaments used by the Tamboran and Yam cults. Feature Gallery 3.

To 31 January. "A Parliament of Owls," an exhibition of paintings, drawings, and specimens of species of owls found in Alberta. Feature Gallery 2.

Rutherford House

Continuing. The House, 11153 Saskatchewan Drive, is furnished in its original manner. Admission is free. Saturday and Sunday, 12 noon to 6 p.m. Tours by appointment, telephone 427-3995 weekends, 427-5708 weekdays.

University Art Gallery

To 27 January. "The Department of Art and Design Faculty Show," featuring works by members of the University Department. Gallery hours: Tuesday and Wednesday 11 a.m. to 4 p.m., Thursday 11 a.m. to 9 p.m., Sunday 2 p.m. to 5 p.m.

Students' Union Art Gallery

To 5 February. "Tech," an exhibition by the Department of Art and Design's technical staff, includes some of their own work as well as displays of the technical processes that they help students to learn, for example in sculpting and print-making. Students' Union Gallery hours: 12 noon to 6 p.m. weekdays, 2 p.m. to 5 p.m. weekends.

Edmonton Art Gallery

To 30 January. "Navajo Blankets," thirty-two blankets from the collection of Anthony Berlant. The blankets, of rich and varied geometric design, were highly prized for their beauty by the Navajos themselves, other tribes, and Spanish contemporaries, and they are recognized today as precursors of contemporary abstract art.

To 15 February. "Jack Bush: A Retrospective," an exhibition of works by the major Canadian artist.

From 4 February. "Upstate Landscapes," photographs taken in the countryside of upper New York State by Sidney Phillips of New York City.

Centennial Library

From 28 January. "Peopescapes," an exhibition of recent paintings by Margaret

Mooney. Foyer Gallery, downstairs, Centennial Library.

Theatre Francais D'Edmonton

28, 29, and 30 January and 4, 5, and 6 February. Renald Tremblay's *Il Suffit D'un Peu D'air*. The author will be present at these performances. Collège Universitaire Saint-Jean Auditorium, 8406 91 Street. All performances, in French, at 8 p.m. Admission is \$3.50 for adults, \$2.50 for students, and \$1.50 for children and senior citizens. Tickets are available at the HUB Box Office, Le Carrefour, 11217 Jasper Avenue, and at the door.

Northern Light Theatre

To 29 January. David Watmough, monodramatist, plays a multitude of parts, including that of the narrator, in a play for one actor. From 2 February. Thomas Cone's *Cubistique*, a play that explores the nature of personality. Downstairs, Edmonton Art Gallery. Performances are at 12:10 p.m. Tuesday through Friday with extra performances at 1:10 p.m. Thursday and Friday. Saturday performances at 7:30 p.m. and 9 p.m. Admission is \$2 for weekday performances, \$1 for senior citizens, and \$2.50 for all Saturday performances.

Citadel Theatre

From 22 January. *Oh Coward!* Words and music by Noel Coward. Devised and directed by Roderick Cook and featuring Diane Stapley. In the Shoctor Theatre of the Citadel complex. 27, 28, and 29 January. *John Synge Comes Next*, a one-man show adapted from the works of John Synge and featuring Maurice Good, director-actor-writer, distinguished for his work on Synge. In the Rice Theatre. For ticket information contact the Theatre Box Office, 10018 102 Street.

NON-CREDIT COURSES

SOCIAL RESEARCH PRACTICUM

Social research methods will be dealt with in detail in a social research practicum beginning 31 January.

A research design on a topic of the students' choice will be developed in detail in order to give the students supervised, first-hand experience in the use and limits of social research methods. Skills for critically analyzing published research will also be developed.

The course will be of practical value to planners, community action groups, community development workers, and social service agency personnel. The practicum will be held from 7:30 p.m. to 9:30 p.m.

for ten Mondays. The fee is \$35 and registrations are accepted in 228 Corbett Hall. For additional information contact 432-5064.

COMMUNICATIONS IN ORGANIZATIONS

Jon White, Director of Communications Group Services, Alberta Public Affairs, will conduct a course dealing with communication in organizations beginning 1 February. It will be of interest to those who want to know more about the potential contribution effective communication can make to the work of any organization. The course will focus on both internal and external communication and on common blocks to effective communication.

Topics will include communication as a management tool, internal communication techniques, external communications and public relations, communications and change, and evaluating organizational communications.

Class hours will be from 7:30 p.m. to 9:30 p.m. for ten Tuesdays. The fee is \$40 and is payable in 228 Corbett Hall. Further details are available by calling 432-3116.

BASIC INTRODUCTION TO REALITY THERAPY

A thirty-hour course beginning 1 February will provide a basic knowledge of the theory and practice of reality therapy, a method of working with people through caring from which comes the initial strength a person needs to be able to change.

The course offers an approach which states that an individual is responsible for his own behavior. Neither society, nor environment, nor heredity, nor the past, but each person must assume responsibility.

Participants in this course will have the opportunity to learn about and practice the concepts and steps utilized in this therapeutic approach.

Class hours will be from 7 p.m. to 10 p.m. for ten Tuesdays. The fee is \$85. Registrations are accepted in 228 Corbett Hall. For additional information telephone 432-5069.

**AFFECTIVE PARENTING
WITH THE LEARNING DISABLED CHILD**

In a course beginning 2 February, parents with a learning disabled child will have an opportunity to learn some helpful attitudes and strategies which can assist in overcoming a child's learning difficulties.

Practical ideas will be presented on how parents can diagnose their children's specific learning strengths and weaknesses and will identify remedial methods and materials that can be used. An underlying and major emphasis will be placed on the development of attitudes and environmental climates that are supportive to a child.

Following the presentation of resource material and ideas, parents attending will be asked to develop some remedial plans, to

actually carry out a program with their children, and to share their experiences with fellow course members.

The course will be held for five Wednesdays from 8 p.m. to 10:30 p.m. The fee is \$20 and is payable in 228 Corbett Hall. Additional information is available by calling 432-5069.

**TELEVISION COURSE IN ENGLISH
AS A SECOND LANGUAGE**

Starting 1 February, Cable 13 will carry a ten-week course in English as a second language. Each half-hour program will be broadcast three times a week—on Tuesdays at 10:30 a.m., on Tuesdays at 7:30 p.m., and on Thursdays at 7 p.m.

Each program will begin with a dialogue, a story, or a letter, and their structures and idioms will be explained and discussed. Each program will end with a lesson on the pronunciation of Canadian English.

Transcripts of the programs and instructional materials will be provided to those who enroll in the course. Registrations are accepted in 228 Corbett Hall. The fee is \$40. Additional information is available by calling 432-2497.

MTS AND EDITOR FUNDAMENTALS

As an introduction to the use of computer terminals, this course includes practice in procedures for signing on to the system (MTS), information storage, and manipulation using the file editor.

The course will be offered from 9 a.m. to 11 a.m. on 1 February and 3 February. It is open to all interested persons and registrations are accepted at the Computing Services General Office, 352 General Services Building. There is no charge.

**INTRODUCTION TO TEXT EDITING
AND FORMATTING**

This course involves the use of the file editor and *FMT program to edit text and format manuscripts. It could be of use to students and members of staff (both non-academic and academic) wishing to use the MTS computing system to edit and produce papers, articles, theses, books, and other documents. Adequate computer time will be provided for students to do meaningful exercises. MTS and Editor Fundamentals is a prerequisite.

This course will be offered on Wednesdays from 10 a.m. to 12 a.m., 16 February to 16 March and again on Mondays from 2 p.m. to 4 p.m., 7 March to 4 April. There is a nominal fee of \$10 (\$20 for commercial clients). For further information telephone 432-2261.

HIGHLIGHTS OF FRENCH-CANADIAN LITERATURE

This eight-week course is designed to present interesting ideas and themes found in French-Canadian literature from the beginning of

this century to the present. The emphasis will be mainly on novels, although some plays and poetry will be discussed. The lectures will be in English.

Classes commence Wednesday, 9 February, and the fee is \$25. Registrations are accepted in 228 Corbett Hall. Additional information and a suggested reading list are available by calling 432-3033.

WOMEN IN LITERATURE

This course will deal with fiction, written by both men and women, that focuses on female characters in many different situations and facing a variety of problems. It will not be a sociological examination of how women live; rather, it will be a study of rich and complex characters making mistakes, learning about themselves, and making and resolving very human problems.

The ten-week course commences Tuesday, 8 February. Registrations are accepted in 228 Corbett Hall. The fee is \$30. Additional information is available by calling 432-3033.

THE AMERICAN CHARACTER

Are Americans different from Canadians? Is there a unique American character? A ten-week course beginning 2 February will attempt to answer these and other questions by examining contemporary affairs and relating them to such aspects of the American experience as the abundance of natural resources, the influence of the frontier, the establishment and development of the political system, the causes and legacies of the civil war, and foundations of foreign policy.

Registrations are accepted in 228 Corbett Hall. The fee for the course is \$30. Further information is available by calling 432-3033.

SURPLUS EQUIPMENT LISTING

The equipment listed below has been declared surplus. If your department is interested in any of this surplus equipment, please get in touch with the declaring department and arrange a satisfactory price. Once you have arrived at a price, make up a purchase requisition showing the account to be charged, and forward the requisition to the Purchasing Department. Arrangements for the transfer will then be made.

All departments are encouraged to dispose of surplus equipment. This disposal is accomplished by completing a surplus equipment declaration form and forwarding it to the Purchasing Department. Proceeds from such disposals are normally credited to the accounts from which the equipment was originally purchased; however, this is not always the case. For further information and details on the disposal of surplus equipment, telephone Bonnie O'Dwyer or Roy Bennett at 432-3208.

Farmhand grapple fork for picking up hay bales
Farmhand bale accumulator
Tractor mounted hay rake Pollard Model 650RW
Plow—Ferguson three-point hitch two-bottom-14 inch

Plow—International Trailing three-bottom-14 inch
Case Model 950-12 Windrower c/w w/VG 4D engine
Two Shp motors—3 phase, 230V
2hp motor—3 phase, 230V
10hp motor—3 phase, 230V
3hp motor—3 phase, 230V

This equipment has been declared surplus by the Department of Animal Science. For further information, telephone Bruce Pringle at 435-4052.

POSITIONS VACANT

NON-ACADEMIC POSITIONS

Custodial Workers

Students' Union

The Students' Union requires Custodial Workers for the night shift—two years experience required. Salary range is \$746 to \$868 per month plus shift differential. Generous fringe benefits include a comprehensive medical and dental plan and one month vacation after one year. Apply at 103 Students' Union Building.

To obtain further information on the following positions, please contact Personnel Services and Staff Relations, third floor, SUB, telephone 432-5201. Please do not contact the department directly. Positions available as of 21 January 1977.

Clerk Typist II (\$578-\$700)—Provincial Laboratory
Clerk Typist II (\$578-\$700, trust)—Physics
Clerk Steno II (\$600-\$726)—Faculty of Education
Clerk Steno III (\$672-\$817)—Faculty of Dentistry; Geography; Faculty of Graduate Studies; Faculty of Business Administration and Commerce
Clerk Steno III (\$672-\$817, trust)—McLaughlin Examination and Research Centre
Student Record Processing Clerk (\$700-\$852)—Faculty of Education
Mail Room Clerk II (\$700-\$852)—Purchasing
Accounts Clerk II (\$726-\$956)—University Health Service
Secretary (\$756-\$926)—East European Studies; Office of the Comptroller
Technician I (\$786-\$964)—Immunology
Technician I (\$786-\$964)—Animal Sciences
Graphics Technician I (\$786-\$964)—Chemistry
Control Centre Operator I (\$817-\$1,005)—Physical Plant
Technician II (\$887-\$1,093)—Technical Services
Technologist I (\$887-\$1,093)—Animal Sciences
Audio and Video Technician II (\$964-\$1,191)—Health Sciences; Audio-visual Education
Plant Operator I (\$964-\$1,191)—Physical Plant
Administrative Assistant (\$1,005-\$1,244)—Faculty of Graduate Studies
Programmer Analyst II (\$1,005-\$1,244)—Administrative Systems
Machinist Technician III (\$1,048-\$1,298)—Technical Services
Programmer Analyst III (\$1,244-\$1,547)—Computing Services (two positions)
Information Coordinator (\$1,244-\$1,547)—Computing Services

The following is a list of currently available positions in the University of Alberta Libraries. The bulletin board postings in the Library Personnel Office, 516 Cameron Library, should be consulted for further availability.

Library Clerk II (\$300 per month, half-time)—Law Library
Library Clerk III (\$649-\$786)—Cataloguing; Interlibrary Loans; Periodical Reading Room

folio accepts display advertising

Size and rates: the basic unit size is 45 agate lines x 15 picas (3 1/4" x 2 1/2"). The full page is divided into 9 such units, any combination of which is available at a cost of \$20 per unit. Half pages cost \$100. A professional/business card unit (2 1/2" x 1 1/2") is available at a cost of \$12. Discounts are offered for extended runs; please enquire.

Other specifications: half-tones (100-line screen or less) are acceptable; no color or bleeds. Camera-ready copy is preferred; there is a charge of 15c per word for typesetting, and \$5 per line for design of work which is not camera ready. Deadline for submission is one week prior to publication (Thursday, 4 p.m.) for camera-ready copy; 10 days for all other advertising copy. Positioning is at the discretion of the editor.

Contact: Richard Kerr or Esther Fraser, 326 Assiniboia Hall, The University of Alberta; telephone 432-4991.

PERSONAL NOTICES

All advertisements must be received by 9 a.m. the Friday prior to publication. Rate is 15 cents per word for the first week and 5 cents per word for subsequent weeks ordered before the next deadline. Minimum charge is \$1. Ads must be paid in advance. We regret that no ads can be taken over the telephone. For order forms or further information, telephone 432-4991.

Accommodation Available

Selling—three-bedroom west-end townhouse, end unit; carpet. Near freeway. Low monthly payments. \$47,500. 487-2529.

For sale—1,296 square-foot, three-bedroom bungalow; professionally landscaped, fenced crescent lot, north Mill Woods; 1½ baths, fireplace. Better than average construction and interior finish. Heated garage. \$30,000 first mortgage at 10 percent. No agents. 462-1971.

Synergen Continuing Housing Cooperative invites prospective members for units to be built in Mill Woods in 1977. For further information, telephone 475-7886 or 435-5506, 6-9 p.m.

For sale—Brander Gardens: split-level, 1,800 square feet; family room, fireplace; double front-drive garage; professionally landscaped, large trees. Immediate possession if required. \$114,500—offers. For information, and to view, telephone owner: 432-6344 days; 434-6769 evenings.

For sale—1,307 square-foot, three-bedroom custom-built home on keyhole crescent in Knotwood area. Landscaped, fenced, near schools and direct bus routes to University and downtown. Features sunken family room with fireplace, sliding patio doors to sundeck, 1½ baths, double cedar doors, four appliances, and all draperies. \$71,900. Telephone 488-8142.

For rent—three-bedroom home in Greenfields; 1,950 square feet; fireplace; fully furnished. Direct bus to University. Available for one year from June or 1 July. Rent \$500. 432-2447 or 436-3667.

Male, nonsmoker, seeks similar to share new three-bedroom house St. Albert. \$225 month. 458-2341 evenings.

For sale—just constructed, luxurious 2,742-square-foot home; panoramic view on 1½ acres, ten miles from city limits. Numerous features include: four large bedrooms, 2½ bathrooms, spacious family room opening to large sun-deck, open fireplace, two-door attached garage, total intercom-stereo system, oak kitchen cupboards, complete water-sewer system, framed basement. Choose your own flooring. Telephone 475-5331. Private sale; no agents.

Bungalow beauty. What is important to you? Room for a growing family? This open-beam bungalow has three bedrooms upstairs and two downstairs, three full baths. Convenience? It has that too, including double front-drive heated garage with electric opener. Comfort? Curl up by the crackling fire. Location?

It is situated on a quiet drive, close to public, separate, private schools, University, and bus. Price? Please act quickly because this home will sell. Under \$115,000. Telephone Deanna Larson, 434-4344 or, business, 436-5250. Spencer Real Estate Ltd.

Luxury living in Laurier for under \$80,000. Imagine curling up by either of two open fireplaces! Imagine three bedrooms upstairs with family kitchen and spacious dining room! Imagine room to grow, with lower level completed! Imagine your new bungalow nestled among well-established trees in prestigious area near University! Telephone Deanna Larson, 434-4344 or, business, 436-5250. Spencer Real Estate Ltd.

Dublin, Ireland—For rent, comfortable semi-detached house, fully furnished. Quiet crescent, two miles city centre. Spring to fall 1977. 459-7842.

Lang-built—2,080 square feet; family room, fireplace, den; triple plumbing; basement developed; double garage; sprinkler. Immaculate; many extras. Mable, 436-3373; 435-4182. Lang Realty Ltd.

Duggan—beautiful, three-bedroom, executive, Spanish bungalow; sunken family room, fireplace, double garage. Quiet area near schools, Southgate. Stove, etc. Landscaped, fenced. Yearly lease. References. \$575 monthly. \$300 damage deposit. 922-3911.

For sale—most attractive 1,040-square-foot, twelve-year-old bungalow in Allendale. Lovely broadloom, spacious kitchen, large rumpus room. Garage, on 50-foot lot, beautiful trees. 1 March possession. Assume large mortgage. Asking \$64,900. Telephone Norman; residence: 475-0554; business: 429-6284. Norman Realty Ltd.

For rent—house close to campus. 1 July 1977—30 June 1978. 439-6653 evenings.

For sale—St. Albert townhouse, six months old, 1,233 square feet, three bedrooms, 2½ baths, carpeted, attached garage. Swimming, sauna, tennis. \$59,500. Telephone 458-4818 after six.

Accommodation Wanted

Wanted to rent—two-bedroom apartment or house for Commonwealth scholar from Cambridge University. May to November 1977. Telephone 432-4403; evenings, 434-5608.

Furnished accommodation wanted by Swedish post-doctoral fellow and family; from 1 June—31 October. References. Steiner, 432-3772 or 433-8220.

Two-bedroom house or suite for two female interns. Near University Hospital. Telephone 439-4804 or, after six, 439-4414.

Wanted—furnished accommodation for visiting professor and family. One year from June or 1 July 1977. A.S. Russell, 436-0423, 432-6296.

Post-doctoral fellow, wife, and child require two-bedroom furnished, unfurnished accommodation. South of University. 439-5503.

Automobiles and Accessories

Anyone interested in buying new GM, telephone Gil Chorney, 488-7211. Edmonton Motors.

Must sell—leaving country. 1972 Opel GT; 53,000 miles. Excellent condition. \$2,700 or best offer. 439-0369 anytime.

Selling: 1958 GMC school bus converted to travel home; white; rear duals; excellent road rubber; re-wired; mechanically new; zero miles; sleeps six; kitchen, dinette, toilet, propane heater and cooker. Rally-driver's seat. Quadro sound; drapes storage closets. Used as sabbatical research vehicle. Go anywhere. Fully equipped. Must be seen. 439-5453 evenings.

1967 Beaumont four-door, 283 V8 standard, power brakes, radio; excellent condition. Asking \$800. 487-2652.

Goods and Services

Plumbing—for estimates on basement bathrooms, repairs, gasfitting, etc., call 465-7079.

Antiques from England for sale. Tables, chairs, buffets, bookcases, stools, dolls, clocks, porcelain, art-glass, commemoratives, Oriental porcelain, pictures, gifts, collectables. Mary Goulen Antiques, corner of 109A Avenue and 135 Street. Thursdays, Fridays, Saturdays, 10 to 5. 452-0397.

Nutri Metic Cosmetics representative. Telephone Irene, 432-5684; evenings, 439-2406.

Shanghai House Mandarin Restaurant. Peking, Shanghai food—200 dishes. Peking duck—order in advance. Fire pot. Delicious, inexpensive. Monday through Friday, 4 p.m. to 10 p.m. Saturday and Sunday, 11 a.m. to 11 p.m. 6525 111 Street. 435-7622.

For buying reconditioned typewriters and for typewriter repairs, telephone Sun Typewriter Services. 476-9418.

Your own brand new limited company. \$250. 24-hour service. Bizecon International Limited. 5821 118 Avenue. 474-0782.

University of Alberta Employees' Savings and Credit Union—now offering term deposits: 9 percent per annum on one-year deposits (at least \$500); 9½ percent per annum on three-year term (minimum deposits of \$1,000). Telephone today for information on this new Credit Union service. 432-3256. Tuesdays-Thursdays, 2:30-4:30 p.m.

Handyman carpentry services. Telephone John, 434-9709 evenings.

Aspen Salon de Conversation Française—conversational French class: language and literature. Telephone 435-4467.

Birch firewood. \$95 cord delivered. Telephone 465-7773 evenings.

Basset hound, male, ten weeks, registered. Excellent. \$150. 434-7769 evenings.

Must sell—leaving country. Sixteen-foot Fireball sailboat, trailer, and four life jackets. \$1,600 or best offer. 439-0369 anytime.

Stereo components: Thorens belt-drive turntable with automatic shut-off and Shure V-15 cartridge, \$300; Pioneer receiver (42 watt RMS) \$200; Avid 102 Speakers (top-rated by *Consumer Reports*) \$300. Excellent condition. Telephone Rick at 432-2463 or 439-0958.

For sale—Fresh lamb, freezer ready. \$1.25 pound. 432-3414; 963-3238.

Will do macramé hangings, planters, jewelry to order. 433-7655.

Lovely red wool winter coat. Design: Irving Samuel. Size 12. 436-7317 evenings.

Anyone needing snowblowing, telephone Jerry, 439-3531. No. 1 natural unpasteurized honey. Thirty pounds: \$21; fifteen pounds: \$11.50; two pounds: \$1.55.

Comb honey, beeswax available. At SUB Flea Market 28 January. 434-8894 evenings.

Shortwave receiver. Hammarlund SP-600. Frequency range: .054 mHz to 54 mHz. Turnable over six continuous bands. \$245. Telephone 467-2237 after 5:30.

Birks Queen's pattern sterling flatware. As new. 434-0270.

For babysitting telephone Mrs. Olyve Kruper, 436-5803. Experienced house sitter; includes pets and plants. References. Telephone 987-3222.

Bring And Buy Sale. Garage sale with a difference. Donate something you don't want—buy something you do want. Garneau Community Hall, 10934 110 Street, Sunday 30 January, 2-6 p.m. For Edmonton Junior Cricket Organization.

Spectacular spring fishing in northern fly-in lake.

Plan a derby with your department. For brochure or further information telephone Canadian Frontier Lodges, 434-3104.

Custom dressmaking and esigning. No patterns needed. Call Jacqueline, 433-4870.

Oval table, four chairs, good; 469-3239, 3-9 p.m.

Program Co-ordinator

For Jewish Senior Citizens' Drop-In Centre. Responsible for co-ordinating program and activities and training volunteers. Ability to work with the elderly. Yiddish an asset. Hours 12 noon-4 p.m. Monday to Thursday. Salary commensurate with qualifications and experience. Apply in writing to:

606 McLeod Building, Edmonton.